



HOME LAND  
SEPTIC  
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## Water Sampling Options:

*\*Prices reflected when ordered with other tests. All turnaround times are approximate.\**

Potability Package- \$125 Bacteria, Nitrates, pH, Turbidity (4 business days)

**-OR-**

VA/FHA Package- \$205 Bacteria, Nitrates, Nitrites, pH, Lead, Iron, Turbidity (4 business days)

Salt Water Intrusion and Radon in the Water Package- \$175 Salt Water Intrusion is commonly found at properties near tidal water and roadways that are treated with road salt in the winter. The highest risk areas for Radon in the Water are Washington, Frederick, Carroll, Howard, Montgomery, Harford and Baltimore. Refer to Radon Zones Map. (5-7 business days)

### Additional Options:

Arsenic- \$65 Wells located in Calvert and St. Mary's Counties, the Eastern Shore and Anne Arundel County including Mayo, Edgewater, Arnold and Annapolis (3-5 business days)

Cadmium- \$105 Found in the Coastal Plains; Eastern Shore Anne Arundel, Calvert, Charles, Price George's and St. Mary's Counties (4 business days) <http://water.epa.gov/drink/contaminants/basicinformation/cadmium.cfm>

Hardness- \$60 Hardness presents issues with the "feel" of the water versus a major health risk, therefore there is no pass/fail level set by the EPA (7 business days)

Iron- \$40 recommended in most of Maryland; **required by most VA/FHA underwriters** (3-5 business days)

Lead \*\*- \$50 More common in homes with copper plumbing; **required by most VA/FHA underwriters**. In some cases the copper plumbing was tied together with lead solder. Lead can also come from plumbing hardware (3-5 business days) **\*\* Lead Instructions: If the house is vacant; cold water needs to be ran from the kitchen faucet for 1 hour the day prior to sampling. If the home is occupied, the homeowners should refrain from using the kitchen sink for a minimum of 6 hours prior to sample collection. **We MUST be the first to run water from the kitchen sink the day of our sample.** \*\***

MTBE's or VOC's- \$225/\$275 Testing for petroleum products in areas of known leaks and in neighborhoods with underground residential oil tanks. VOC's (Volatile Organic Compounds) is a test that covers the entire spectrum above and beyond MTBE's which is mainly used for finding gasoline (7 business days)

Gross Alpha (Radium) - \$195 Refer to maps of known Radionuclide areas in Anne Arundel, Baltimore and Howard Counties. (7-9 business days)

Radium 226/228 - \$275 Recommended if Gross Alpha results are 5-15 pCi/l (14 business days)

Radon in the Water- \$145 The EPA does not currently have a pass/fail level but under 4,000 pCi/l is the most common acceptable level. [http://www.nj.gov/dep/watersupply/radon\\_report\\_dwqi\\_2\\_17\\_09.pdf](http://www.nj.gov/dep/watersupply/radon_report_dwqi_2_17_09.pdf) (7 business days)

Salt Water Intrusion (Total Chlorides and Total Dissolved Solids)- \$85 Salt Water Intrusion is commonly found at properties near tidal water and roadways that are treated with road salt in the winter (5-7 business days)

Total Fluorides- \$50 Not often found in wells in Maryland (7 business days)

Copper- \$60 Recommend testing for lead too. Corrosion of household plumbing systems; erosion of natural deposits (5-7 business days)

Nitrates/Nitrites- \$70 Run-off from fertilizer use; leaking from septic tanks, sewage; erosion of natural deposits (3-4 business days)

Turbidity- \$35 Sand, dirt or grit. Typically from soil run-off (3-4 business days)

Pesticides- \$400 From lawn applications (7 business days)